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ATTORNEY'S DOCKET NO.: H0535/7012/ERG/MAT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Howard Green, et al.
Serial No: 09/620,783
Filed: July 21, 2000
For: LINKAGE OF AGENTS USING MICROPARTICLES
Examiner: D. Naff
Art Unit: 1651

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL

Sir:

Transmitted herewith are the following document(s):

- ☒ Amendment in response to Office Action dated August 10, 2001 (including Appendix A - Marked-up Specification and Claims)
- ☒ Information Disclosure Statement (IDS), Modified Form 1449 and cited references
- ☒ Check in amount of \$640 (\$460 for three month extension of time; \$180 for filing of IDS)
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617)720-3500, Boston, Massachusetts.

If any further fee is determined to be due, the Examiner is authorized to charge said fee to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,

Maria A. Trevisan, Reg. No. 48,207
WOLF, GREENFIELD & SACKS, P.C.
600 Atlantic Avenue
Boston, MA 02210-2211
Attorneys for Applicant(s)
Tel. no. (617) 720-3500

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TC 1700

Attorney's Docket No.: H0535/7012 (ERG/MAT)
Date: February 11, 2002
X02/10/02



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#9
A.G.J.
2/27/02

Commissioner for Patents
Washington, D.C. 20231

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The following are remarks concerning the other information cited:

02/20/2002 MWOLDER1 00000072 09620783

02 FC:126

180.00 OP

PART IV: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

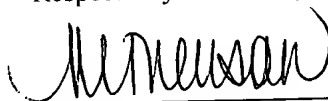
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,



Maria A. Trevisan, Reg. No. 48,207
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Boston, MA 02210
Telephone (617) 720-3500

Docket No. H0535/7012 ERG/MAT
Dated: February 11, 2002
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FORM PTO-1449/A and B (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: 09/620,783

ATTY. DOCKET NO.: H0535/7012

TECH CENTER 1600/2900

FILING DATE: July 21, 2000

APPLICANT: Howard Green, et al.

GROUP ART UNIT: 1651

EXAMINER: D. Naff

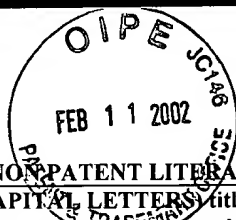
Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYY
		Number	Kind Code		
	*A1	4,532,207		Brewer, et al.	07/30/85
	*A2	4,631,190		Shen, et al.	12/23/86
	*A3	4,701,521		Ryser, et al.	10/20/87
	*A4	4,847,240		Ryser, et al.	07/11/89
	*A5	4,880,911		Brewer, et al.	11/14/89
	*A6	5,162,505		Dean, et al.	11/10/92
	*A7	5,354,844		Beug, et al.	10/11/94
	*A8	5,716,614		Katz, et al.	02/10/98
	*A9	5,783,178		Kabanov, et al.	07/21/98
	*A10	6,306,993	B1	Rothbard, et al.	10/23/01
	*A11	6,303,752		Olsen, et al.	10/16/01
	*A12	5,633,230		Twist, et al.	04/27/97
	*A13	5,646,120		Sumner-Smith, et al.	07/08/97
	*A14	5,674,849		Twist, et al.	10/07/97
	*A15	5,789,531		Sumner-Smith, et al.	08/04/98
	*A16	5,795,909		Shashoua, et al.	08/18/98
	*A17	5,831,001		Twist, et al.	11/03/98

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
	*B1	WO	91/09958		PCT	07/11/91	
	*B2	WO	93/04701		PCT	03/18/93	
	*B3	WO	96/21036		PCT	07/11/96	
	*B4	WO	97/40854		PCT	11/06/97	
	*B5	WO	98/52614		PCT	11/26/98	
	*B6	WO	01/13957		PCT	03/01/01	
	*B7	WO	01/62297		PCT	08/03/01	
	*B8	EP	0 009 498	B1	EP	01/16/79	
	*B9	EP	0 599 303	A2	EP	11/25/93	
	*B10	CA	2,094,658			04/22/93	
	*B11	WO	97/33552		PCT	09/18/97	
	*B12	WO	95/11038		PCT	04/27/95	
	*B13	WO	94/14464		PCT	07/07/94	
	*B14	WO	93/21941		PCT	11/11/93	
	*B15	WO	92/07871		PCT	05/14/92	



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OTHER ART — NON-PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	*C1	Asayama, et al. "Synthesis of Novel Polyampholyte Comb-Type Copolymers Consisting of a Poly(L-lysine) Backbone and Hyaluronic Acid Side Chains for a DNA Carrier," Bioconjugate Chem., 1998, Vol. 9, pp. 476-481.	
	*C2	Maruyama, et al. "Nanoparticle DNA Carrier with Poly(L-lysine) Grafted Polysaccharide Copolymer and Poly(D,L-lactic acid)," Bioconjugate Chem., 1998, Vol 8, pp. 735-742.	
	*C3	Maruyama, et al. "Comb-Type Polyctions Effectively Stabilize DNA Triplex," Bioconjugate Chem. 1997, Vol. 8, pp. 3-6.	
<i>an</i>	C4	Wagner, et al. "Transferrin-polycation conjugates as carriers for DNA uptake into cells," 1998, Proc. Natl. Acad. Sci. USA, Vol 87, pp. 3410-3414	
<i>om</i>	C5	Lemaitre, et al. "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site," 1987, Proc. Natl. Acad. Sci. USA, Vol 84, pp. 648-652 Abstract	

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>2/10/03</i>
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/359,920, filed July 22, 1999, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - Must provide a copy of any patent, publication, other information listed, even if it was previously submitted to, or cited by, the U.S. Patent Office in an earlier application, unless the earlier application is identified by the IDS and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application.]